

Chemistry B.S. Course Requirements

1 st Fall	1 st Spring	2 nd Fall	2 nd Spring	3 rd Fall	3 rd Spring	4 th Fall	4 th Spring
Chem 1210 ¹ Gen Chem 1 4 cr. F,S,U SF	Chem 1220 ¹ Gen Chem 2 4 cr. F,S,U SF	Chem 2310 ¹ Org Chem 1 4 cr. F,S,U	Chem 2320 ¹ Org Chem 2 4 cr. F,S,U	Chem 3000 Quant Analysis 4 cr. F,S QI	Chem 3060 Quantum Chem 4 cr. F,S QI	Chem 3070 Thermodynamics 4 cr. F,S QI	Chem 3100 Inorganic 4 cr. S
Chem 1215 Gen Chem 1 Lab 1 cr. F,S,U SF	Chem 1225 Gen Chem 2 Lab 1 cr. F,S,U SF	Chem 2315 Org Chem 2 Lab 2 cr. F,S,U SF	Chem 2325 Org Chem 2 Lab 2 cr. F,S,U SF	Phys 2220 ³ Phys S&E 2 4 cr. F,S,U SF	Chem 57XX ³ Adv Lab 2 cr. Half Sem	Chem 57XX ³ Adv Lab 2 cr. Half Sem	Elect 3XXX ⁵ Upp Div Elect 3 cr. F,S,U
Math 1210 ² Calculus 1 4 cr. F,S,U QR	Math 1220 ² Calculus 3 4 cr. F,S,U QR	Math 2210 ² Calculus 3 3 cr. F,S,U QR	Phys 2210 ³ Phys S&E 1 4 cr. F,S,U SF	Phys 2225 Phys S&E 2 Lab 1 cr. F,S	Elect 3XXX ⁵ Upp Div Elect 3 cr. F,S	Elect 3XXX ⁵ Upp Div Elect 3 cr. F,S,U	Elect 3XXX ⁵ Upp Div Elect 3 cr. F,S,U
Chem 2000/4000 ⁶ UG Seminar 1 cr. F,S		Elect 1XXX-2XXX ⁵ Intro Elective 3-4 cr. F,S,U	Phys 2215 Phys S&E 1 Lab 1 cr. F,S	Wrtg 3014 Sci Writing 3 cr. F,S,U CW			

- Honors versions are available. Sequence starts in the fall. Must apply to add the class.
- Talk with advisors to see how other calculus sequences fulfill this requirement.
- CHEM 3060 is highly recommended as prerequisite for CHEM 3100.
- Two upper division labs required
 - Fall options: Chem 5710, Chem 5730
 - Spring options: Chem 5710, Chem 5700, Chem 5750, Chem 5720
- Two (2) Credits of one of the following fulfill one (1) Advanced Lab: Chem 4800, 4801, 4965, of 4999
- Total of 15 hours of elective needed (1 course will be an introductory course). Check Degree Audit for options.
- CHEM 2000 has been replaced with SCI 1500 for students starting Fall 26. CHEM 4000 will remain for students on older catalogues.